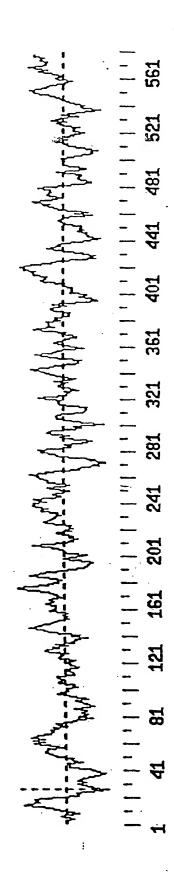
Applicant: Rory A. J. Curtis, et al.
Title: 53010, A NOVEL HUMAN CARBOXYLESTERASE FAMILY
MEMBER AND USES THEREOF
Attorney/Agent: Mario Cloutier
Docket No.: MP100-524P1RDV1M

Sheet 1 of 3 Sheets





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MEMBER AND USES THEREOF
Attorney/Agent: Mario Cloutier
Docket No.: MPI00-524P1RDV1M
Sheet 2 of 3 Sheets

COesterase: domain 1 of 1, (SEQ ID NO: 4)	ain 1 o	4 -₹∙ Λ
Fbh53010FL	4	GWIQGKQVTVLGSPVPVNVFLGVPFAAPPLGSLRFTNPQP-ASPWDN 89
Fbh53010FL	ο 0	<pre>vldatkyppsClQdddfgfslsdLKvalkmlslgwnklvglklsEDCLYL + At+yp+ ClQ++*+ + + + + 9 SEDCLYL LREATSYPNLCLQNSEWLLLDQHMLKVHYPKFGVSEDCLYL 130</pre>
Fbh53010FL	다 연 다	NVytPkntkpnsklPVmVwIhGGGFmfG\sghslplslYdgeslaregnVI N+y P+ + +sklPV+Vw +GG+F +Gs+ s dg++la+ ++V NIYAPAHADTGSKLFVLVWFPGGAFKTGSASIFDGSALAAYEDVL 175
Fbh53010FL	176	vVsiNYRLGplGFLstgddklpgsGNyGLlDQrlALkWVqdNIaaFGGDP vV ++YRLG++GF++t d ++p GN++++DQ++AL WVq+NI FGGDP VVVVQYRLGIFGFFTTWDQHAPGNWAFKDQVAALSWVQKNIEFFGGDP 223
Fbh53.010FL	22 44	nsVTifGeSAGaaSVsllllsngGDNppsskgLFhRAIsqSGsalspwai +sVTifGeSAGa SVs l+ls p++kgLFh+AI++SG a+ p SSVTIFGESAGAISVSSLILSPMAKGLFHKAIMESGVAIIPYLE 267
Fbh53010FL	268 8	<pre>qsesnargrakelarllGCnetssselldCLRsksaeeLleatrsfllfe ++ + + + +</pre>

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Fbh53010FL	316	yvpflplflafgPvvDGdDapeafipedPeelikeGkfadvPyliGvtkd f+ vvDG+ f+p +P++l+ ++ f+ +P +iGv+++ FTRVVDGAFFPNEPLDLLSQKAFKAIPSIIGVNNH 350
Fbh53010FL	351	EGgyfaam.llnasskgedelkketnpdvwlellkyllfyasealnikdM E+g++++m+++++++ ECGFLLPMKEAPEILSGSNKSLALHLIQNILHIPPQ 386
Fbh53010FL	387	<pre>ddladkvlekYpgdvddfsvesrkpnlqdmltDllFkcptrvaadlhakh ++ v ++Y+ d + s + +++ l+d+l+D++F++p ++ ++ +++YLHLVANEYFHD-KH-SLTEIRDSLLDLLGDVFFVVP-ALITARYHRD 431</pre>
Fbh53010FL	4 6 7	ggsPvYaYvfdhpasfgigQflakrvdpefggavHgdEiffvFgnpllke +g+PvY+Y+f+h+++ AGAPVYFYEFRHRPQC>FBDTKPAFVKADHADEVRFVFGGAFLKG 475
Fbh53010FL	476	
Fbh53010FL	. 2 2 3	gkysllillttitagklkardprkvlanfw<-* q +1+ l + q+lk+ + ++fw QYLQLDLNMSLGQRLKEPRVDFW 545